

		Calc. Cb	Cb = 1	Cb = 1		Calc. Cb	Cb = 1	Cb = 1		Calc. Cb	Cb = 1	Cb = 1
		Lb = 8 ft L = 8 ft Not using Kc Mn	Lb = 8 ft L = 8 ft Not Using Kc Mn	Lb = 8 ft L = 8 ft Using Kc Mn		Lb = 12 ft L = 12 ft Not using Kc Mn	Lb = 12 ft L = 12 ft Not using Kc Mn	Lb = 12 ft L = 12 ft Using Kc Mn		Lb = 16 ft L = 16 ft Not using Kc Mn	Lb = 16 ft L = 16 ft Not using Kc Mn	Lb = 16 ft L = 16 ft Using Kc Mn
Support condition	End Condition	in-kips	in-kips	in-kips		in-kips	in-kips	in-kips		in-kips	in-kips	in-kips
Fixed	T & B Braced	1565	1401	1485		1565	1196	1384		1565	885	1283
Knife - Top and Bott braced	T & B Braced	1565	1401	1227		1565	1196	755		1565	885	525

For above values - Cb = 1.0 for cases where Kc method is usec

For cases where Kc method is not used, Cb is calculated (= 2.33 for uniformly loaded cantilever

Based on W10x26 with Fy = 50 ksi